

Isopentyl lactate  
19329-89-6 | DTXSID00858801

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.87	0.81	0.87	0.82	0.86	0.86

## Model Results

**Predicted value:** 1.57e-01 mol/L

**Global applicability domain:** Inside

**Local applicability domain index:** 6.82e-01

**Confidence level:** 6.78e-01

## Nearest Neighbors from the Training Set

Image not found

Pentyl 2-hydroxypropanoate

**Measured:** 6.24e-02

**Predicted:** 1.34e-01

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Butyl lactate

**Measured:** 2.74e-01

**Predicted:** 2.78e-01

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Propan-2-yl 2-hydroxy-2-methylpropanoate

**Measured:** 1.03

**Predicted:** 5.47e-01

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Propyl 2-hydroxy-2-methylpropanoate

**Measured:** 6.84e-01

**Predicted:** 6.57e-01